

## Setting Up GitPod

1. The Gitpod workspace takes a few minutes to build.  
Once it launches, Its best to go to GitPod Workspaces  
<https://gitpod.io/workspaces> and select the 3 vertical dots next to the workspace.

These are the settings for the workspace, we just need to choose 'Pin' so that the workspace is not automatically removed after 14 days.

2. After we have made a change to the new workspace we can go ahead and make an intial commit to our GitHub repository to test that it is working.
  - git add .
  - git commit -m "initial commit"
  - git push
3. Next we needed to setup the environment, and we do this by installing the components below at the terminal.
  - Sets up Flask > pip3 install Flask
  - Create my main python file > touch run.py
  - Creates the environmental variables file > touch env.py
  - Inside the env.py we need to add the following values, in order to successfully connect to the MongoDB database we created earlier.

**import os** <Imports the os module>

**os.environ.setdefault("IP", "0.0.0.0")** <Configure the Ip range>

**os.environ.setdefault("PORT", "5000")** <Use the default flask Port>

**os.environ.setdefault("SECRET\_KEY", "AA22CA3FA237B79E36635A42EA818")**  
<generated my own unique key from <https://randomkeygen.com/>>

**os.environ.setdefault("MONGO\_URI", "mongodb+srv://admin:r00tUser@cluster0.dhqoa.mongodb.net/theWriteWay?retryWrites=true&w=majority")**  
<put in our mongo uri that we configured earlier for secure authentication>

**os.environ.setdefault("MONGO\_DBNAME", "theWriteWay")**  
<sets up the db name>

- Then we need to call the import from the top of our python file by saying if the if the env.py path exists import it.

4. Gitpod was used to write the code for the reminder of the project with regular commits to GitHub.